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10/076363  
02/15/02

BOX PATENT APPLICATION  
ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, DC 20231

Express Mail No.: EL744191841 US

Attorney Docket No.: 2004229-0031

Date Filed: February 15, 2002

**UTILITY PATENT APPLICATION TRANSMITTAL**

(for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Dear Sir:

Please find enclosed a patent application and papers as follows for:

Inventor(s):

Given Name (first and middle)      Family Name or Surname      Residence

W. Peter	Hansen	Canaan, NY
Russel J.	Gershman	Somerville, MA
Petra B.	Krauledat	Canaan, NY
Anthony A.	Ferrante	Belmont, MA
Donald F.	Perrault, Jr.	Brighton, MA

Title of the Invention

A) APPLICATION ELEMENTS:

1) ☐ **Fee Transmittal Form** (original and duplicate submitted for fee processing)

2) ☒ **Applicant Claims Small Entity Status** (see 37 CFR 1.27)

a) ☒ **Statement Verifying Small Entity Status** (unexecuted)

3) ☒ **Specification**

TOTAL PAGES:

48

- Descriptive Title of the Invention (Cover Sheet – 1 pg.)
- Cross References to Related Applications (if applicable)
- Statement Regarding Federally Sponsored R & D (if applicable)
- Background of the Invention
- Summary of the Invention
- Description of the Drawing (if filed)
- Detailed Description of the Invention
- Claim(s)
- Abstract of the Invention

4) X **Drawing(s)** (35 U.S.C. § 113) TOTAL SHEETS: 18

a)      Formal Drawings (if checked)

5) X **Oath or Declaration** TOTAL PAGES: 3

a)      Newly Executed (original or copy)

b)      Copy from a prior application (37 C.F.R. § 1.63(d))-for  
continuation/divisional application

i)      Deletion of inventor(s): Signed Statement deleting inventor(s) named  
in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

c) X Unexecuted

6)      **Application Data Sheet.** See 37 CFR 1.76.

7)      **CD-ROM or CD-R in duplicate, large table or Computer Program  
(Appendix)**

8)      **Nucleotide and/or Amino Acid Sequence Submission** (if applicable, all are  
necessary)

a)      Computer Readable Form (CRF)

b)      Specification Sequence Listing on:

i)      CD-ROM or CR-R (2 copies); or

ii)      Paper

c)      Statements verifying identity of above copies

B) ACCOMPANYING APPLICATION PARTS:

- 9)   X   **Assignment Papers** (unexecuted; cover sheet & document(s)) (4 pages)  
10)   X   **37 C.F.R. § 3.73(b) Statement** (unexecuted, 2 pages)  
11)   X   **Power of Attorney** (unexecuted, 1 page);  
12)        **English Translation Document** (if applicable)  
13)        **Information Disclosure Statement (IDS)/PTO-1449**  
14)        **Copies of IDS Citations**  
15)        **Preliminary Amendment**  
16)   X   **Return Receipt Postcard (MPEP 503)** (specifically itemized)  
17)        **Certified Copy of Priority Document(s)** (if foreign priority is claimed)  
18)        **OTHER:** (if applicable, specified below)

C) FOR CONTINUING APPLICATIONS: (the appropriate box is checked, and certain information is provided below and in a preliminary amendment)

       CONTINUATION                             DIVISIONAL                        X   CONTINUATION-IN-PART (CIP)

OF PRIOR APPLICATION NO: 09/465,215  
FILED: DECEMBER 15, 1999  
EXAMINER: NGUYEN, S  
GROUP/ART UNIT: 2877 AND  
OF PRIOR APPLICATION NO: 09/932,413  
FILED: AUGUST 17, 2001  
EXAMINER: NYA  
GROUP/ART UNIT: 1645

**FOR CONTINUATION OR DIVISIONAL APPLICATIONS ONLY:** THE ENTIRE DISCLOSURE OF THE PRIOR APPLICATION, FROM WHICH AN OATH OR DECLARATION IS SUPPLIED AS DETAILED ABOVE, IS CONSIDERED A PART OF THE DISCLOSURE OF THE ACCOMPANYING CONTINUATION OR DIVISIONAL APPLICATION AND IS HEREBY INCORPORATED BY REFERENCE.

D.) PRIORITY CLAIM(S):

This application claims the benefit under Title 35, United States Code, §120 of any United States application(s) or PCT international application(s) designating the United States of America listed below:

Application Number	Filing Date	Status
<b>09/465,215</b>	<b>December 15, 1999</b>	<b>Pending</b>
Application Number	Filing Date	Status
<b>09/932,413</b>	<b>August 17, 2001</b>	<b>Pending</b>

PCT Applications designating the United States:

Application Number	Filing Date	Status
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This application claims the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

Provisional Application(s):

<b>60/112,280</b>	<b>December 15, 1998</b>	<b>Abandoned</b>
Application Number	Filing Date	Status
<b>60/226,701</b>	<b>August 18, 2000</b>	<b>Abandoned</b>
Application Number	Filing Date	Status

E) METHOD OF PAYMENT OF FILING FEES FOR THIS APPLICATION:

- ☒ Applicant claims small entity status 37 CFR 1.27
- ☒ A check is enclosed to cover the filing fees as determined on the fee transmittal enclosed herewith
- ☒ The commissioner is hereby authorized to charge filing fees or credit any overpayment to Deposit Account Number 03-1721.

Total filing fee amount \$ 781.00

F) CORRESPONDENCE ADDRESS:



☒ Customer Bar Code Label: \_

24280

PATENT TRADEMARK OFFICE

☒ Correspondence Address: \_\_\_\_\_

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Respectfully Submitted,

Date Filed: February 15, 2002

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"Express Mail" mailing label number EL744191841 US

Date of Deposit February 15, 2002

I hereby certify that this paper or fee is being deposited with  
the United States Postal Service "Express Mail Post Office to  
Addressee" service under 37 CFR 1.10 on the date indicated above  
and is addressed to the Assistant Commissioner For Patents,  
Washington, D.C. 20231